

BRAIN PROGENITOR CELL-BASED ASSAY, AND RELATED METHODS  
AND COMPOSITIONS

Abstract of the Disclosure

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This invention provides methods for determining whether  
an agent increases brain progenitor cell division in a  
subject. Furthermore, this invention provides methods  
for treating anxiety, depression, a cognitive disorder or  
10 a neuro-degenerative disorder or inhibiting the onset of  
anxiety, depression or a cognitive disorder by  
administering to an afflicted subject a therapeutically  
or prophylactically effective amount of the agent.  
Finally, this invention provides methods for treating  
15 anxiety, depression, a cognitive disorder or a neuro-  
degenerative disorder or inhibiting the onset of anxiety,  
depression or a cognitive disorder by administering to an  
afflicted subject a therapeutically or prophylactically  
effective amount of Hh-Ag 1.1, Hh-Ag 1.2, Hh-Ag 1.3, or a  
20 derivative of Hh-Ag 1.1, Hh-Ag 1.2 or Hh-Ag 1.3.